Philips Brilliance
LCD monitor

17"
SXGA

Brilliance

170P7EG

# Superb display for professional needs

Professionals get more done with the 170P7's superb display and productivity-enhancing advanced ergonomics while Philips global Perfect Panel™ warranty and remote asset management tools deliver the best total cost of ownership.

### Best total cost of ownership solution
- Empowered for Windows Vista
- SmartManage compatibility enables LAN-based asset management
- Complies with RoHS standards to care for the environment

### Outstanding front of screen performance
- ISO 13406-2 Class I compliant dot-defect-free display
- SXGA 1280 x 1024 resolution for sharper display
- Dual input accepts both analog VGA and digital DVI signals
- 5ms fast response time

### Maximum comfort for maximum productivity
- 90 degree screen rotation and smart cable management
- Brightness automatically adjusts to ambient light

### Great convenience
- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections

PHILIPS
sense and simplicity

LCD monitor
17" SXGA

# 170P7EG/00

## Specifications

### Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- Display colors: 16.7 M
- Viewing angle: 176° (H) / 170° (V), @ C/R > 5
- Response time (typical): 5 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz (digital input)
- Recommended Resolution: 1280 x 1024 @ 60 Hz (digital input)
- Video Dot Rate: 140 MHz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

### Connectivity
- Signal Input: Analog (VGA), DVI-D
- USB: 4 x USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

### Convenience
- Convenience Enhancements: On-screen Display, SmartBright, SmartManage enabled
- Monitor Controls: Auto, Brightness Control (Up/Down), Left/Right, Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/GS, TÜV Ergo
- Swivel: +/- 45°
- Tilt: -5° to 25°
- Pivot: 90° (counter-clockwise)
- VESA Mount: 100 x 100 mm

### Accessories
- Included Accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable
- User Manual

### Dimensions
- Box dimensions (W x H x D): 453 x 486 x 263 mm
- Box dimensions in inch (W x H x D): 17.8 x 19.1 x 9.9 inch
- Set dimensions (W x H x D): 382.5 x 332.9 x 61.5 mm
- Set dimensions in inch (W x H x D): 15.1 x 13.1 x 2.4 inch
- Set dimensions with stand (W x H x D): 402.6 x 398.3 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 15.9 x 15.7 x 8.5 inch
- Height adjustment range: 130 mm
- Height adjustment range (inch): 5.1 inch
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 6.4 kg
- Product weight (+stand) (lb): 14.1 lb
- Weight incl. Packaging: 8.4 kg
- Weight incl. Packaging (lb): 18.5

### Power
- Complies with: Energy Star
- Consumption: 33 W (Typical)
- Off Mode: < 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

## Product highlights

### Windows Vista ready
*Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.*

### SmartManage enabled
*SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.*

### Compliant with RoHS standards
*Philips designs and produces display products in compliance with strict Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.*

### PerfectPanel™
*Bright dots and dark dots are defects in a LCD panel. While some manufacturers still consider bright and dark defects in a LCD panel an inevitable part of the manufacturing process, Philips doesn't. Philips monitors, compliant with ISO 13406-2 Class I standard, are produced with zero tolerance for LCD panel defects and backed by Philips PerfectPanel™ globally valid warranty providing repair or replacement of any LCD monitors that display even a single defective bright or dark dot.*

### Dual input
*Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.*

### 5ms on/off response time
*On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.*

### Super Ergo Base
*The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.*

### SmartBright
*SmartBright is an exclusive Philips feature that employs a built-in sensor to automatically adjust display settings, delivering the very best viewing experience, reduced energy consumption and prolonged monitor life while eliminating bright-screen-dark-room and dark-screen-bright-room eyestrain fatigue - all without the bother of manually adjusting display brightness as room lighting conditions change.*

### SmartControl
*PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.*

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